

Fig. 1

Fig.2

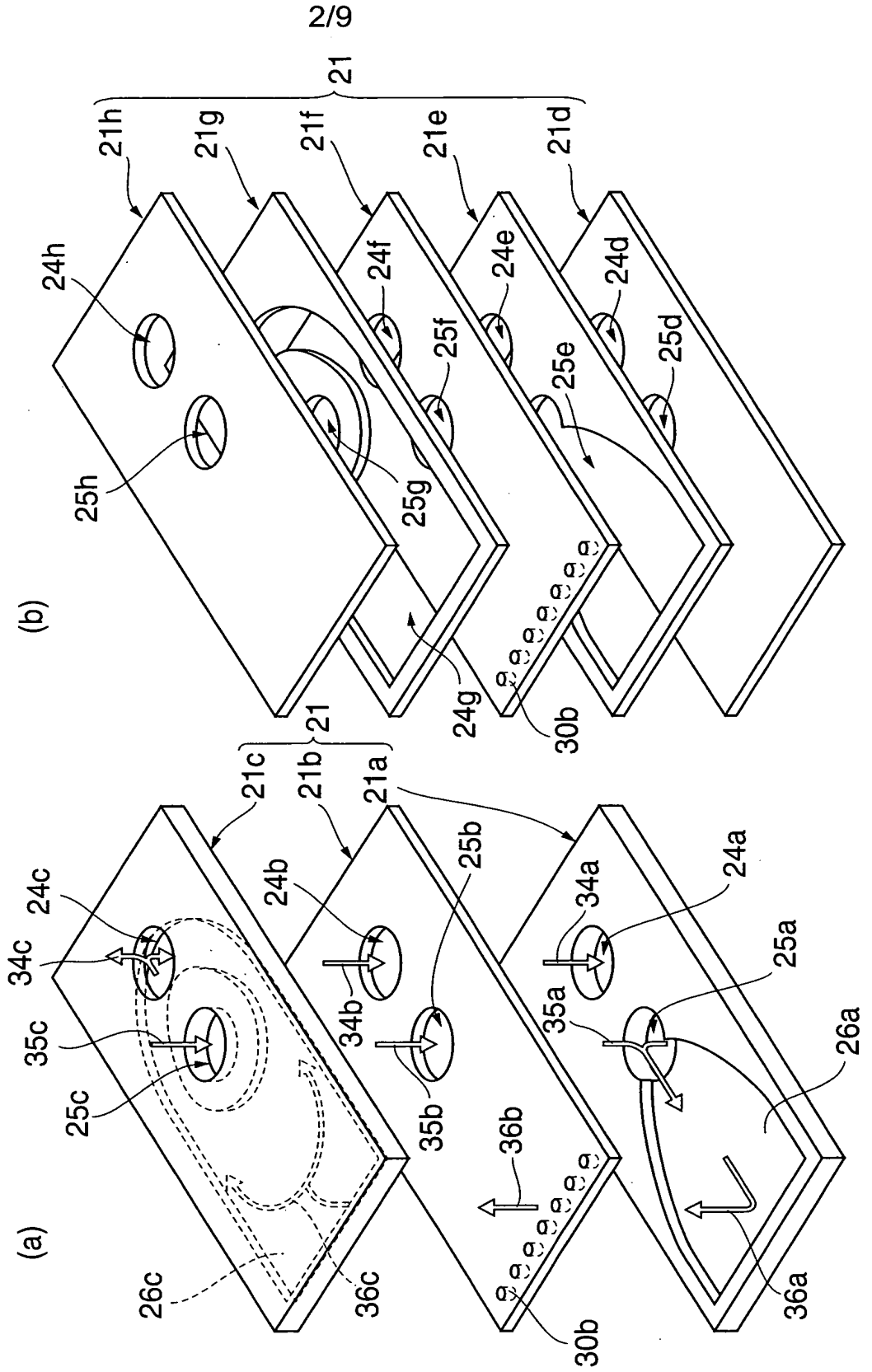


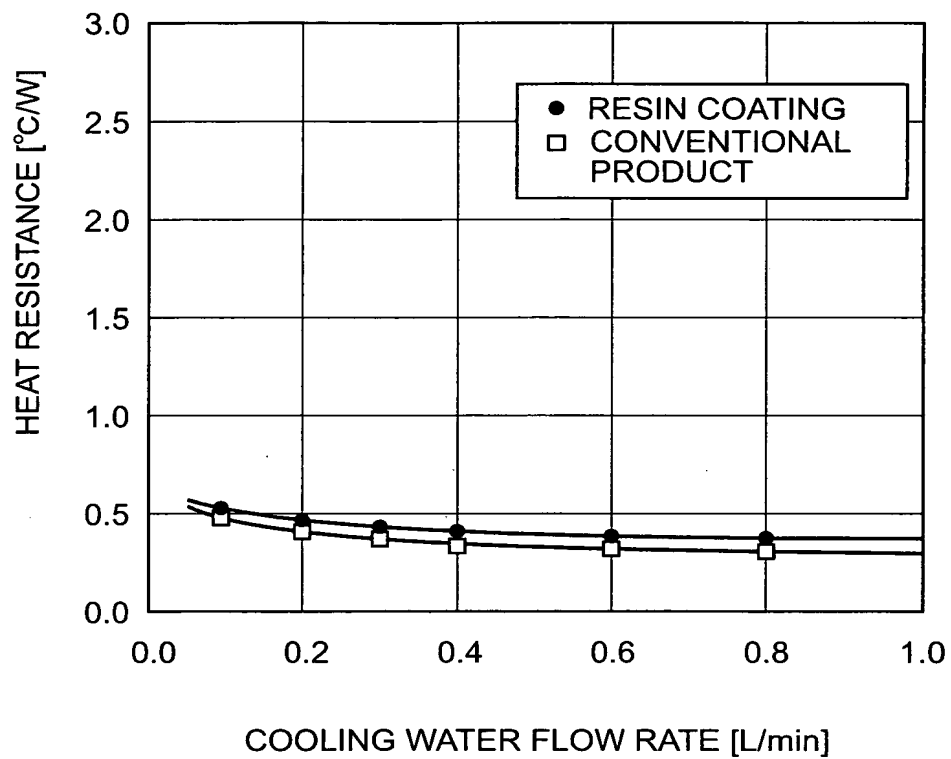
Fig.3

Fig.4

CLASSIFICATION	MATERIAL	PERFORMANCE EVALUATION						LOWNESS OF COST
		EASE OF FORMING	ADHESION	WATER RESISTANCE	DENSENESS (NON-PRESENCE OF PINHOLES)	ELECTRICAL INSULATING PROPERTY	THERMAL CHARACTERISTICS	
POLYMER	EPOXY-BASED	◎	◎	◎	○	◎	Δ	◎(INEXPENSIVE)
	ACRYLIC-BASED	Δ	○	Δ	○	○	Δ	○(RELATIVELY INEXPENSIVE)
	SILICONE	x	Δ	Δ	○	○	Δ	Δ(RELATIVELY EXPENSIVE)
	URETHANE	x	x	○	x	○	x	○(RELATIVELY INEXPENSIVE)
	POLYIMIDE	Δ	○	○	○	◎	x	x (EXPENSIVE)
	FLUORINE-BASED	x	○	Δ	○	○	x	x (EXPENSIVE)
CERAMIC		x						x (EXPENSIVE)
OTHERS	DIAMOND	x	—	—	○	○	◎	x (EXPENSIVE)
	DLC (Diamond Like Carbon)	Δ	—	—	○	○	○	x (EXPENSIVE)

NOTE ◎.....EXCELLENT
○.....GOOD
Δ.....POOR
xEXTREMELY POOR

Fig.5

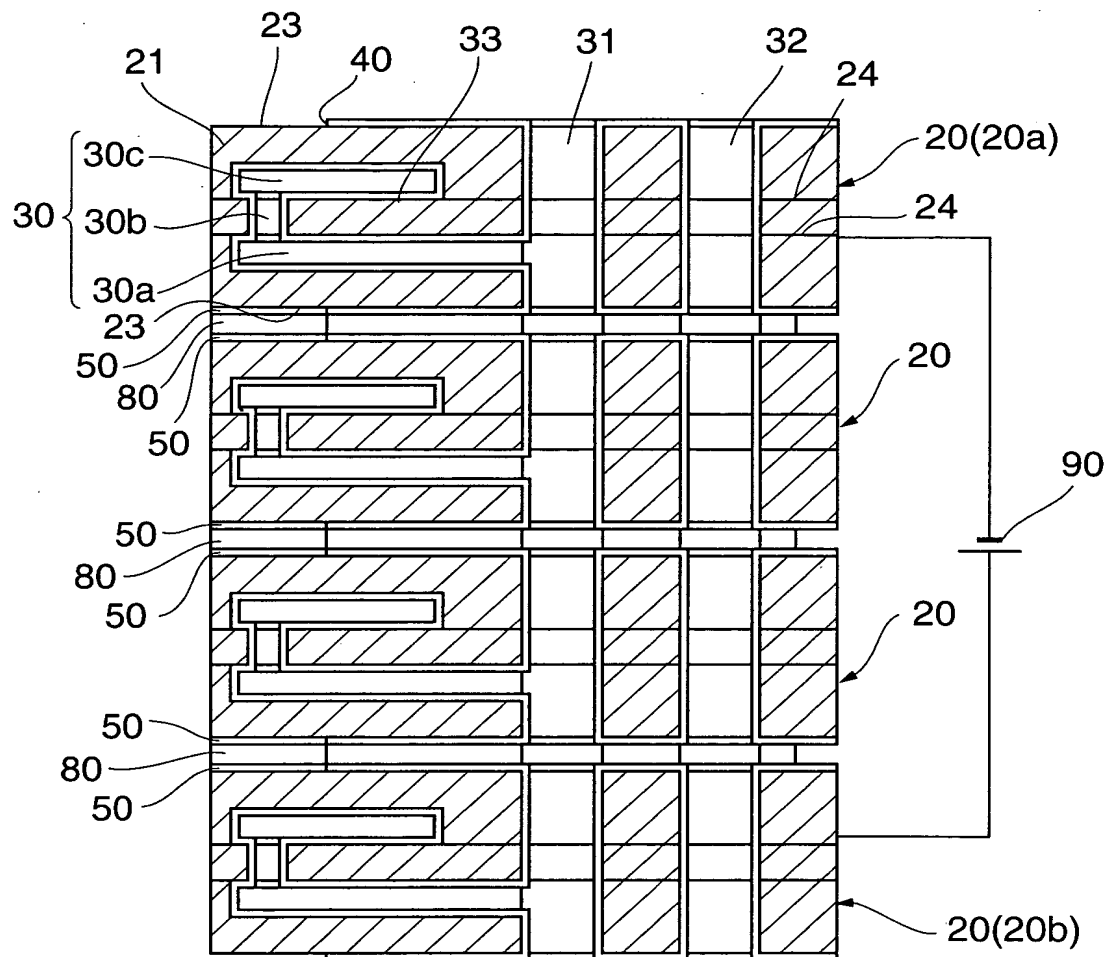


Fig.6

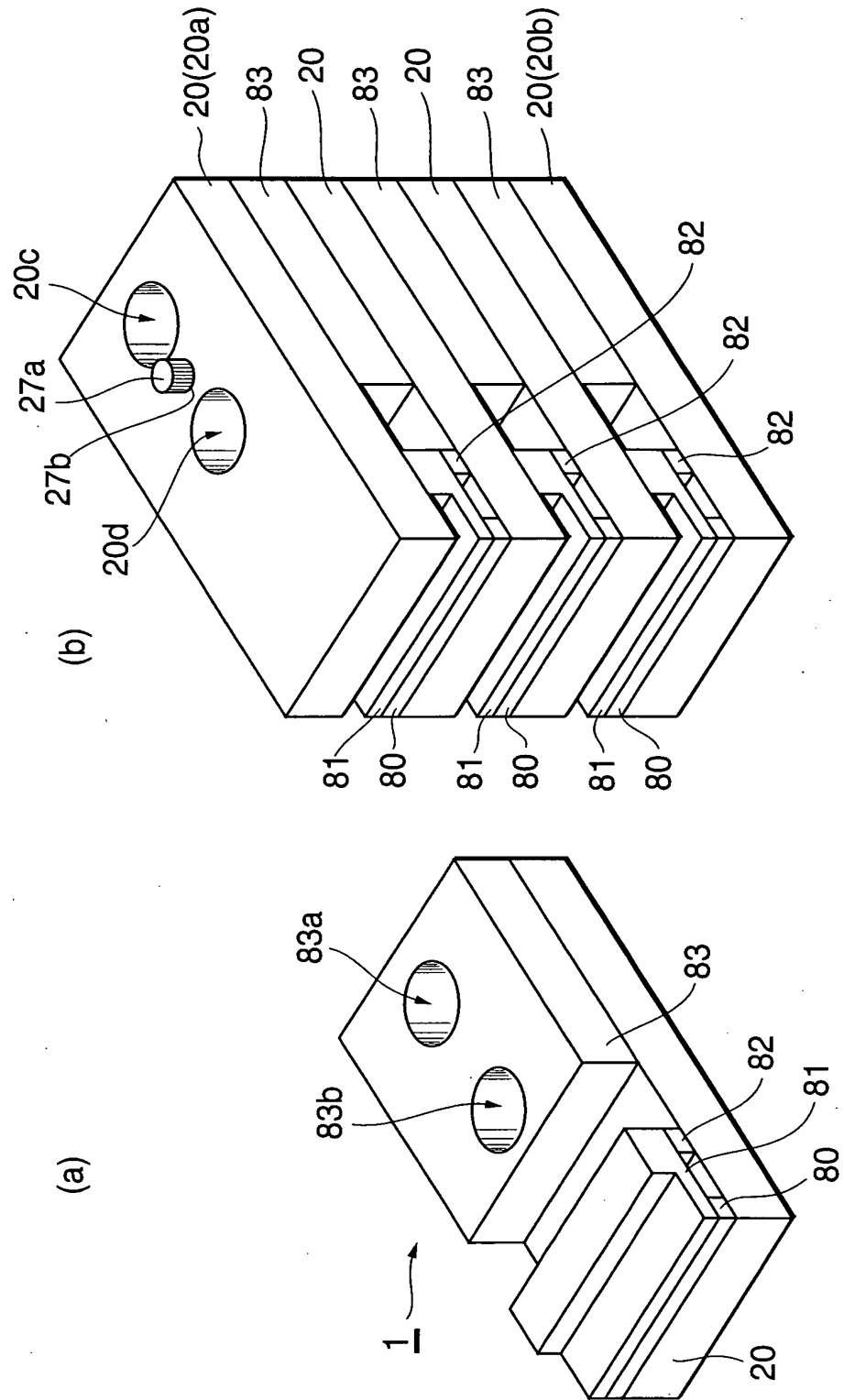


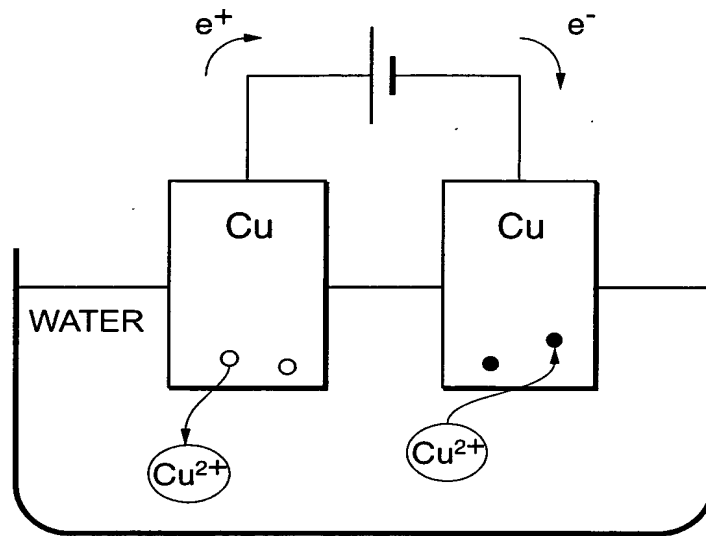
Fig.7

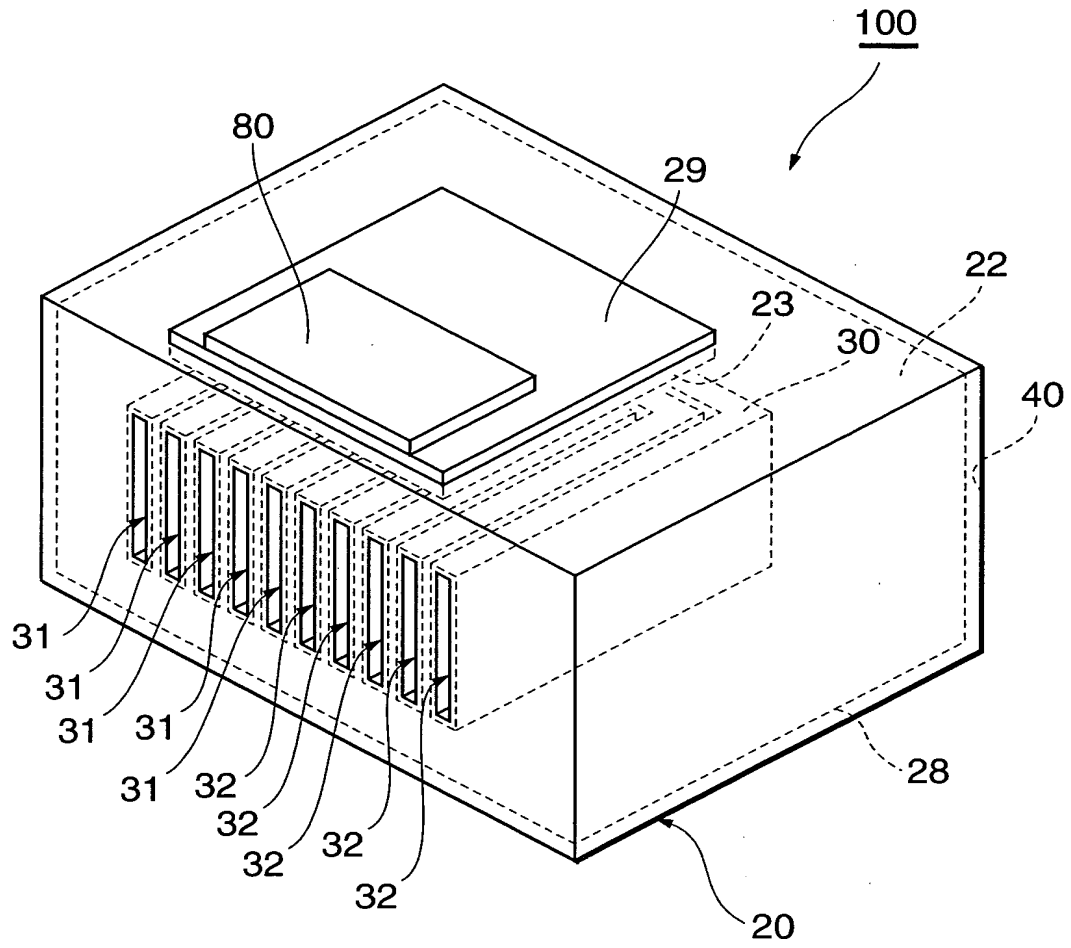
Fig.8

Fig.9

